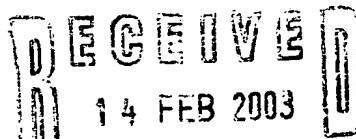




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Your Reference: DY3018  
Application No: GB 0219458.7

12 February 2003

**The Patent Office  
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Dear Sirs

**Patents Act 1977: Search Report under Section 17(5)**

I enclose two copies of my search report and a copy of the citations.

**Publication**

I estimate that, provided you have met all formal requirements, preparations for publication of your application will be completed soon after **13 January 2004**. You will then receive a letter informing you of completion and telling you the publication number and date of publication.

**Amendment/withdrawal**

If you wish to file amended claims for inclusion with the published application, or to withdraw the application to prevent publication, you must do so before the preparations for publication are completed. **No reminder will be issued**. If you write to the Office less than 3 weeks before the above completion date, please mark your letter prominently: "**URGENT - PUBLICATION IMMINENT**".

Yours faithfully

Brian A Woods  
Examiner

<sup>†</sup>Use of E-mail: Please note that e-mail should be used for correspondence only.



Application No: GB 0219458.7  
Claims searched: 1-16

Examiner: Brian A Woods  
Date of search: 11 February 2003

## Patents Act 1977 : Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	1,2,13,14,	US 5267442 (UNITED) See whole document, but specifically figures 3, 3a & 4, noting the impingement of fuel on the prefilming surface due to the eccentric orifices. Also see column 3 line 27 - column 4 line 13.
X	1,2,13,14	US 4842197 (MOTOREN) See whole document, but specifically figure 1 noting the angle of the fuel outlet 3, and the disclosure of one or more injection openings at column 3 lines 12-19.
A		GB 2272756 A (ROLLS)
A		US 5573392 (ABB)

### Categories:

- |   |  |
|---|--|
| X Document indicating lack of novelty or inventive step   | A Document indicating technological background and/or state of the art.  |
| Y Document indicating lack of inventive step if combined with one or more other documents of same category. | P Document published on or after the declared priority date but before the filing date of this invention.          |
| & Member of the same patent family  | E Patent document published on or after, but with priority date earlier than, the filing date of this application. |

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>6</sup>:

F4T

Worldwide search of patent documents classified in the following areas of the IPC<sup>7</sup>:

B05B; F02C; F23D; F23R

The following online and other databases have been used in the preparation of this search report:

On-Line: WPI; EPODOC; JAPIO